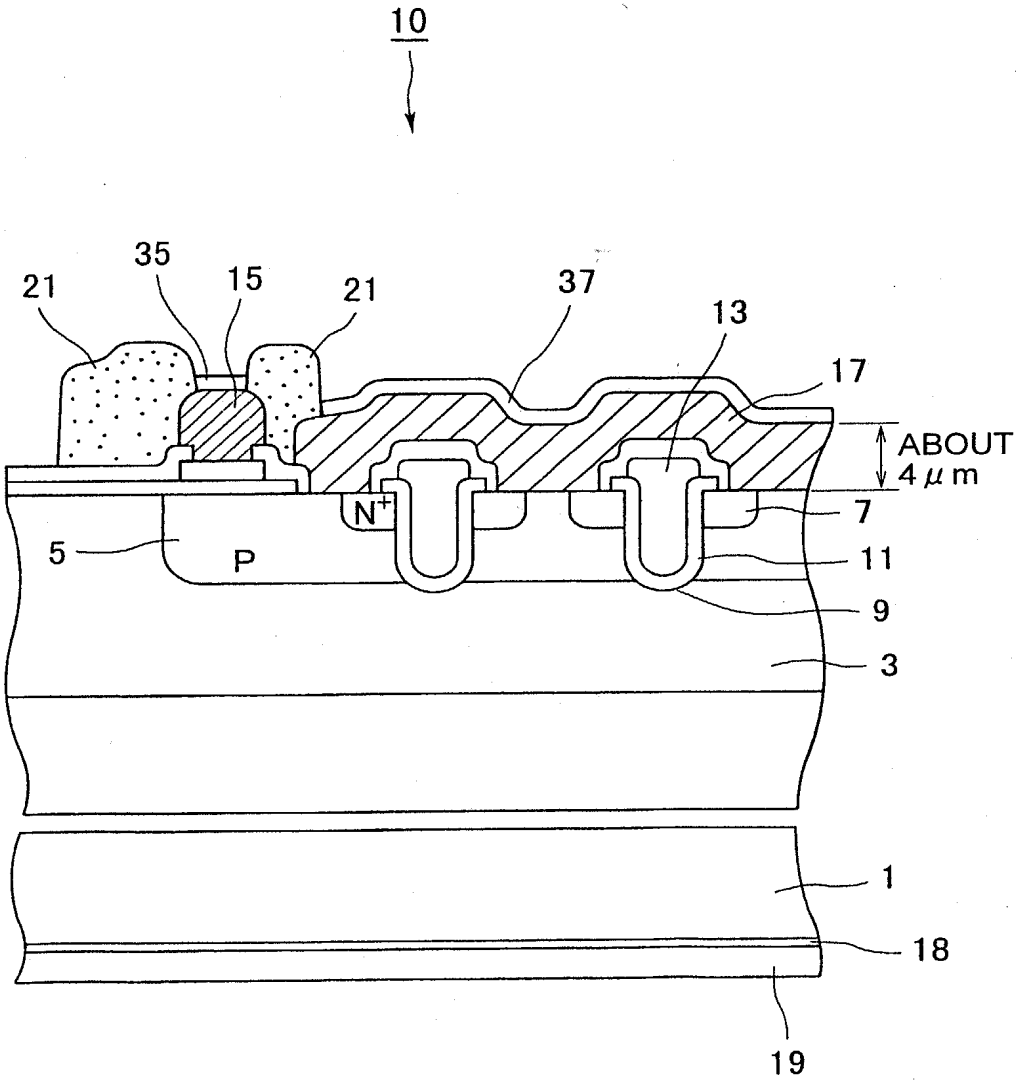



FIG. 1

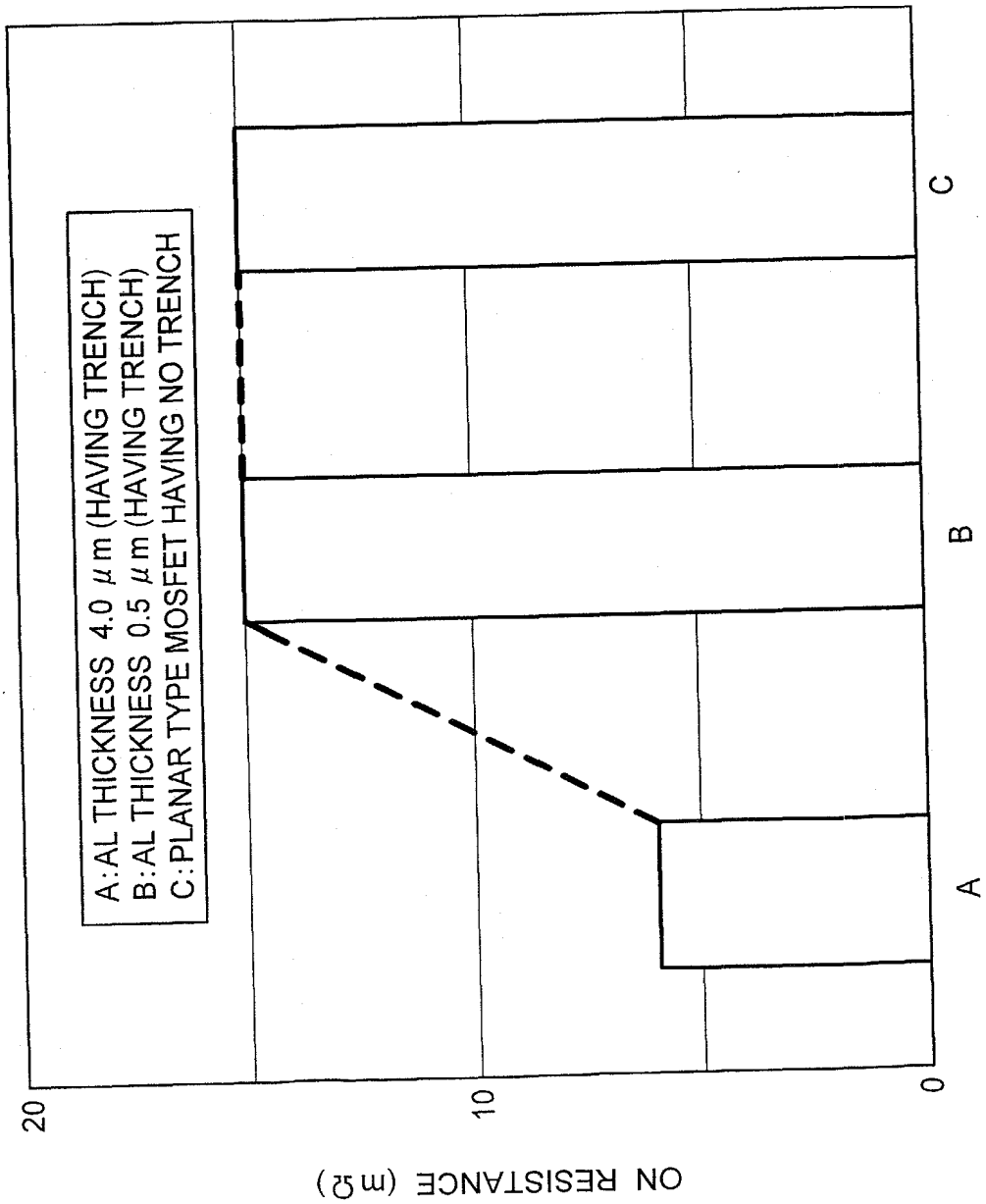

A:AL THICKNESS 4.0 μm (HAVING TRENCH)
B:AL THICKNESS 0.5 μm (HAVING TRENCH)
C:PLANAR TYPE MOSFET HAVING NO TRENCH
A
B
C
0
10
20
ON RESISTANCE (mΩ)

FIG. 2

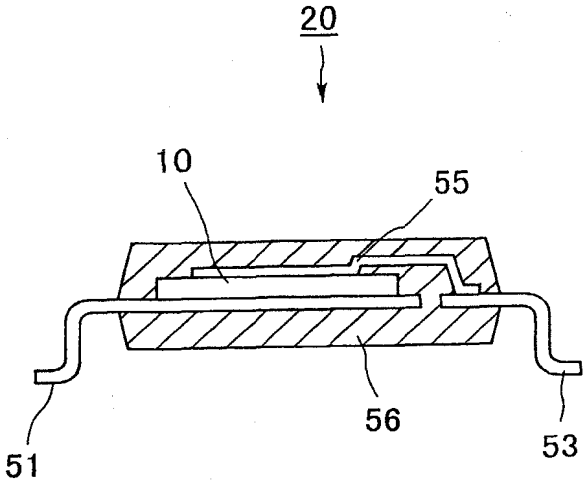



FIG. 3A

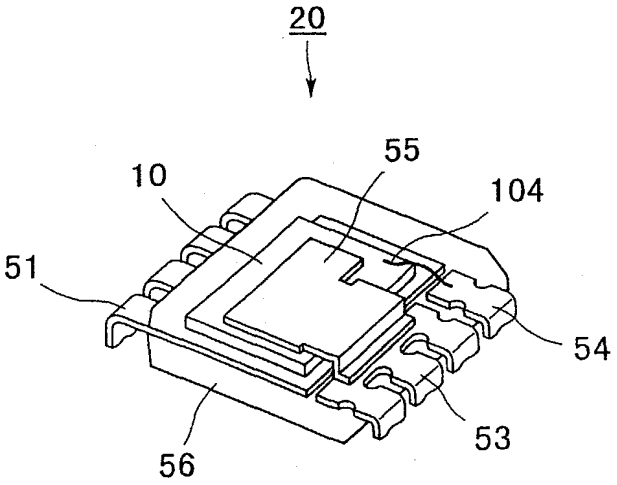



FIG. 3B

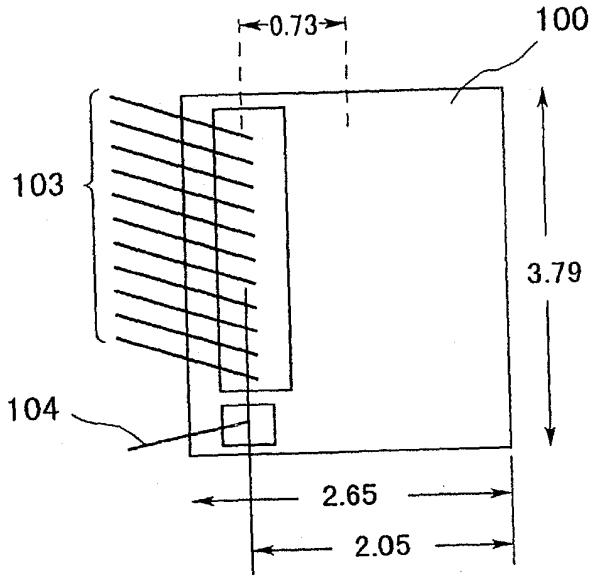
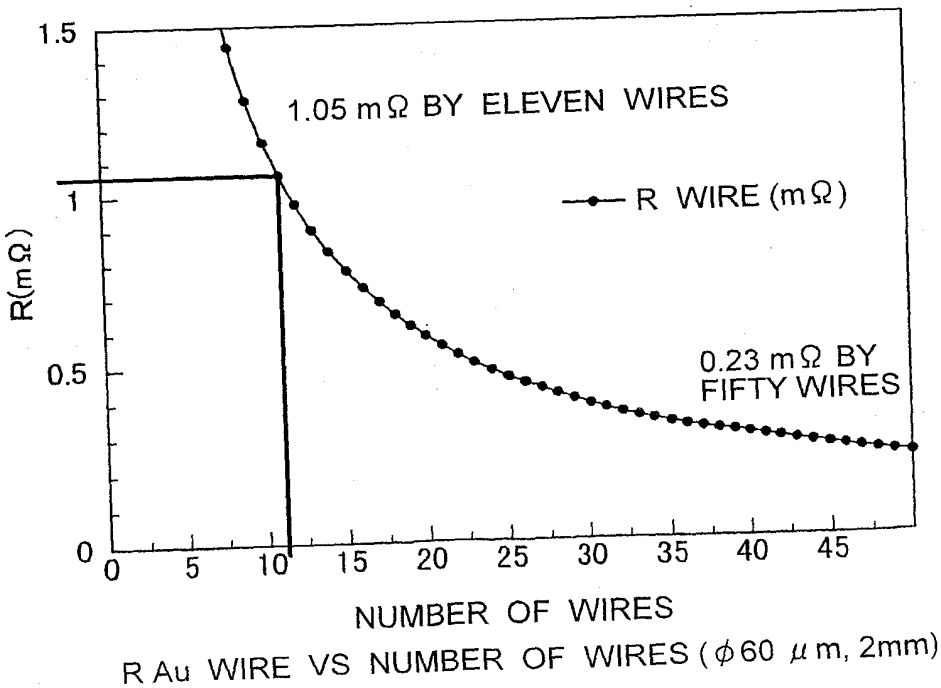
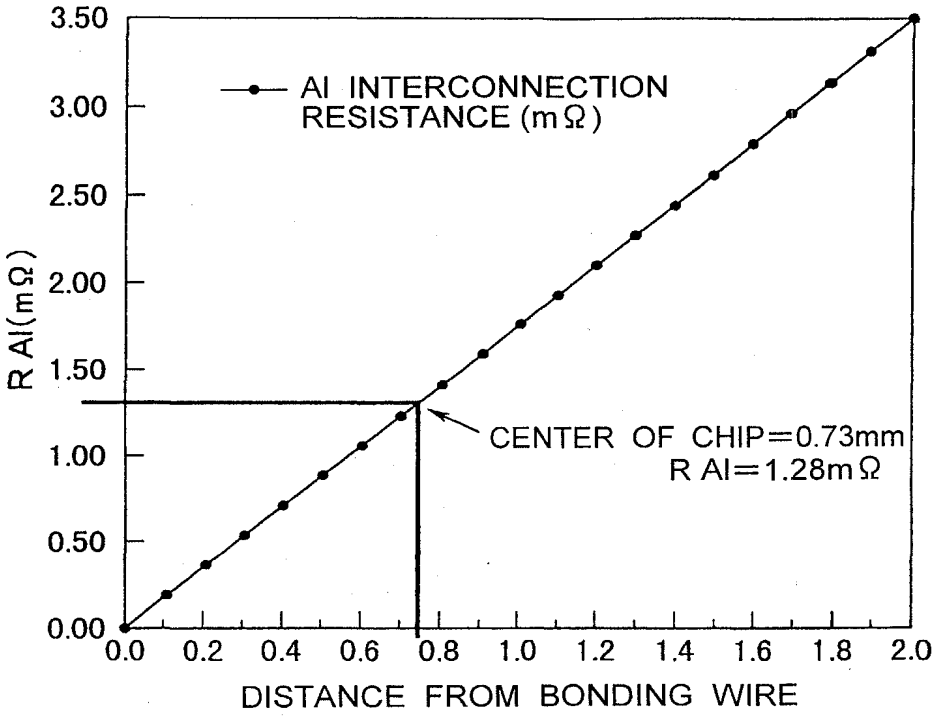



FIG. 4




R Au WIRE VS NUMBER OF WIRES ($\phi$60 $\mu$m, 2mm)

FIG. 5




Al INTERCONNECTION RESISTANCE ON SURFACE OF CHIP

FIG. 6

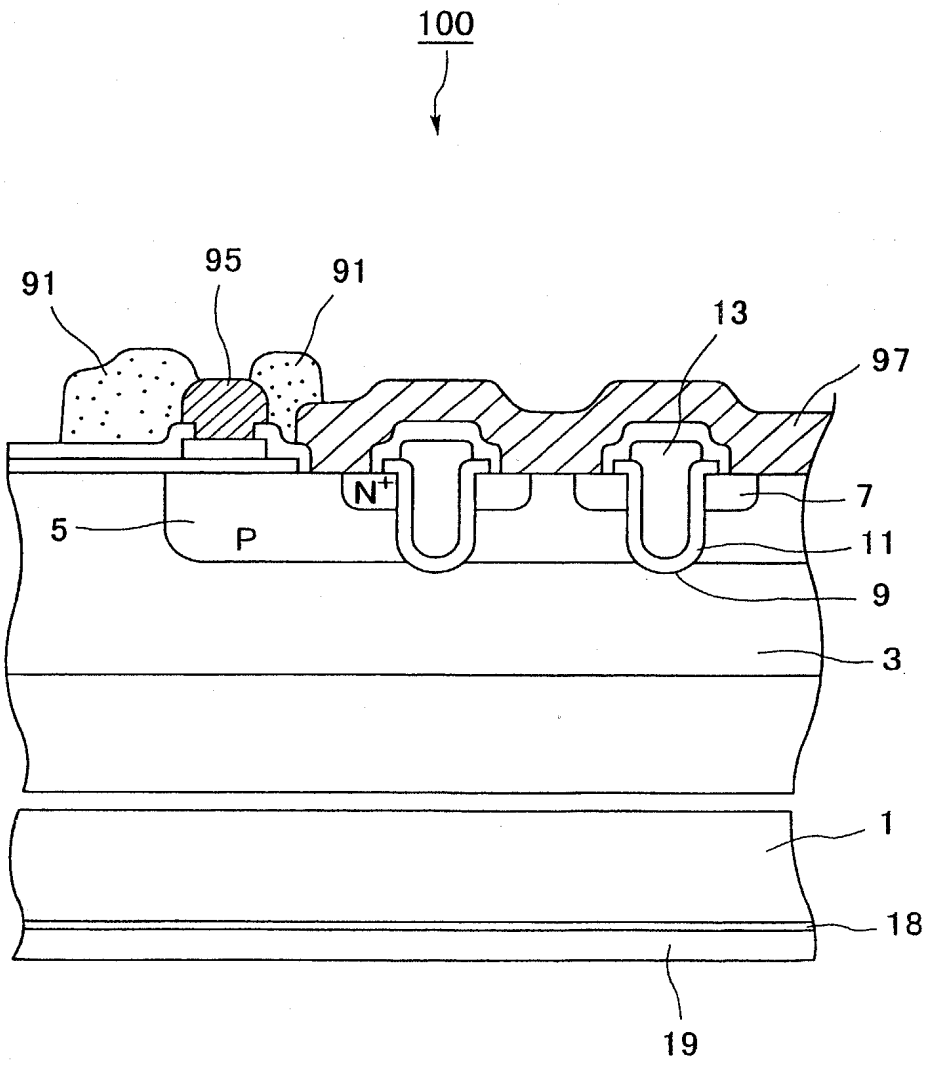



FIG. 7

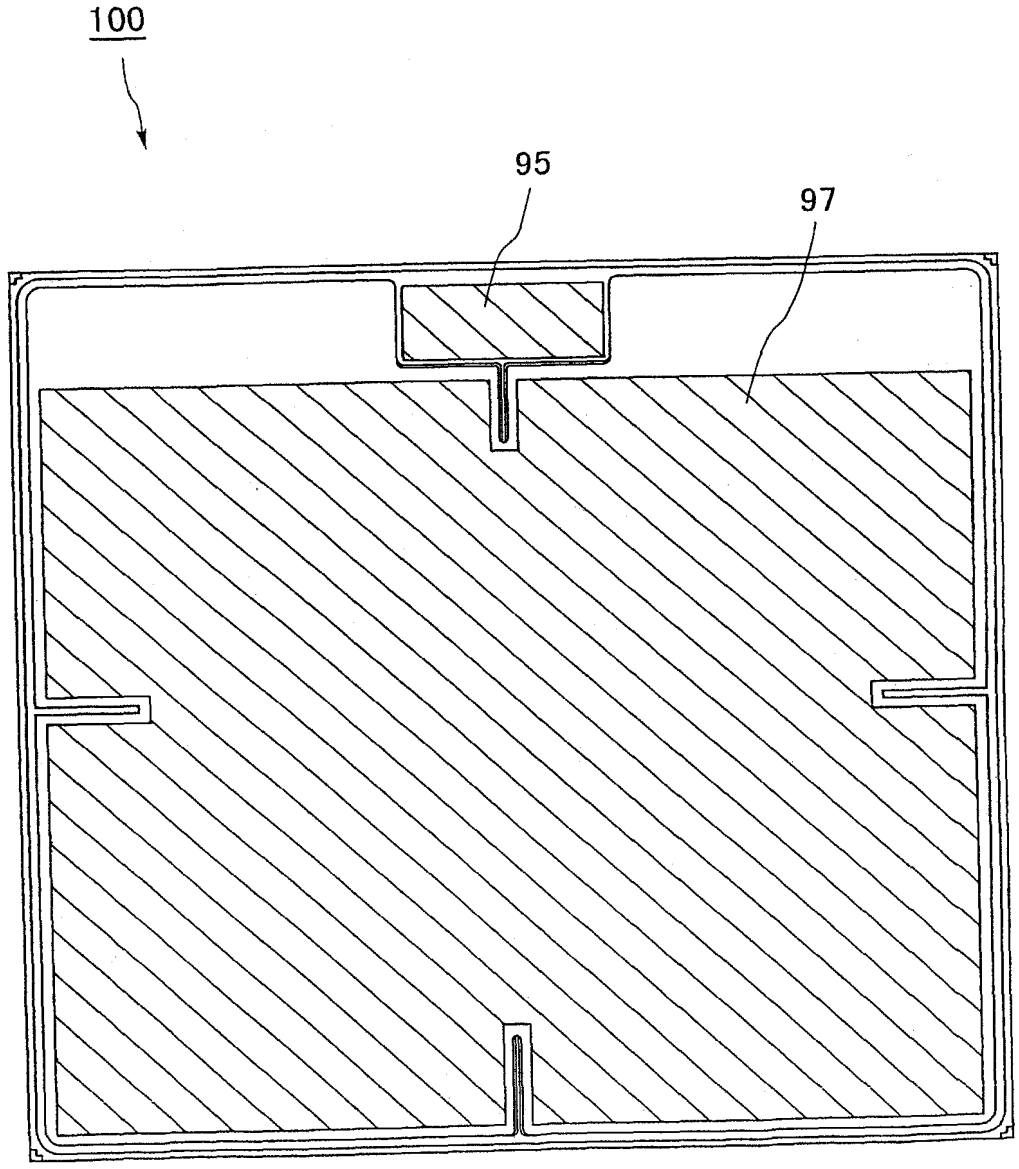



FIG. 8

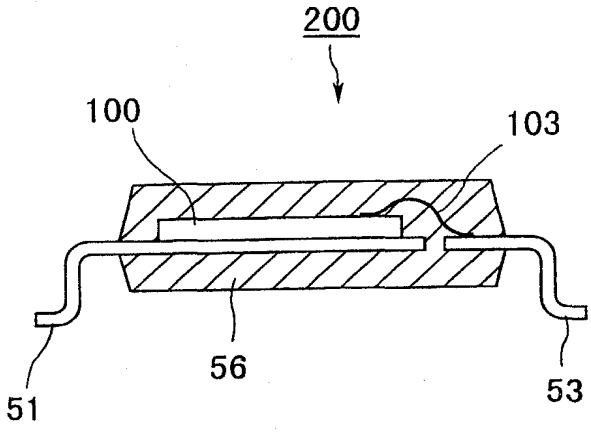



FIG. 9A

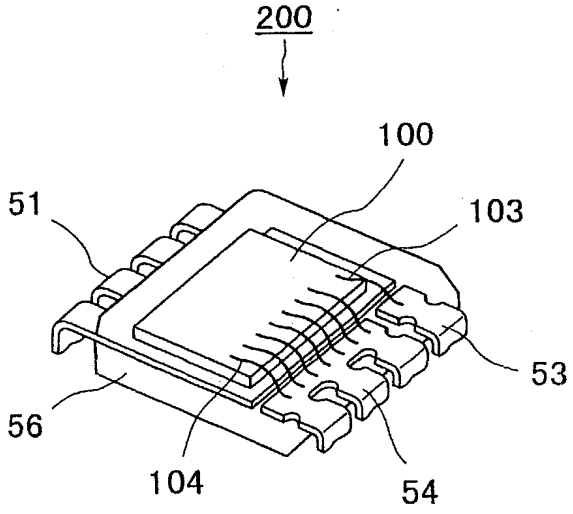



FIG. 9B

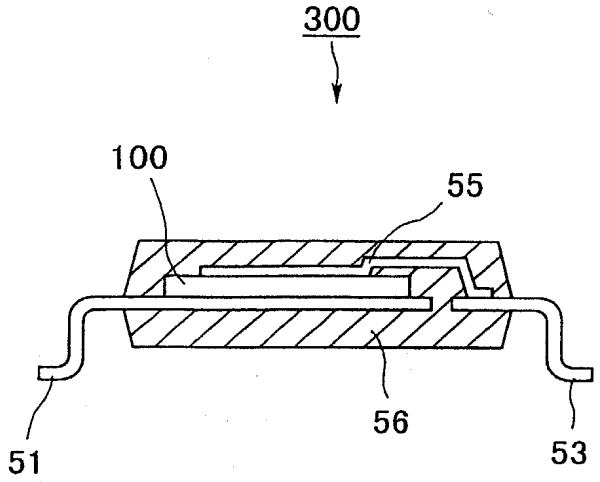



FIG. 10A

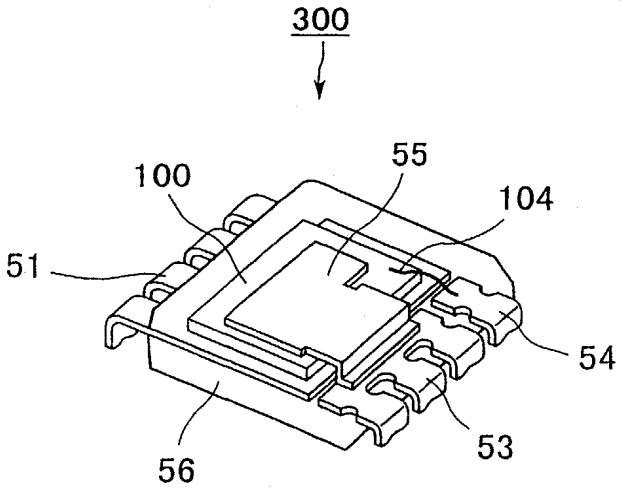



FIG. 10B